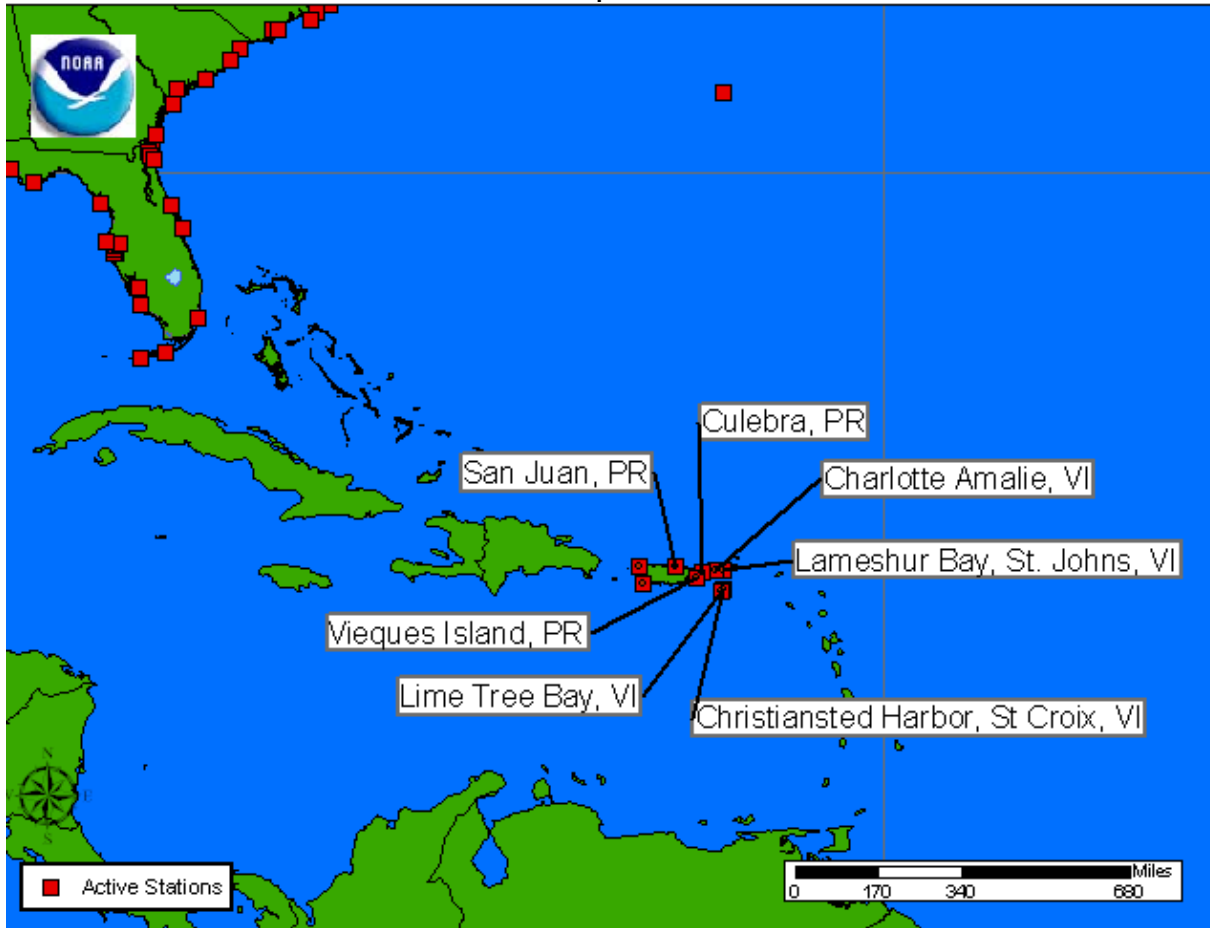


Tropical Depression ERIKA QuickLook
Posted: 17:30 AST 09/03/2009

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new Tropical Storm Warning for the U.S. Territories Coastline.

As of 09/03/2009 17:30 AST, water level across the U.S. Virgin Islands and Puerto Rico are at or near predicted water levels. Barometric pressure is trending downward across the region. Winds are gusting from 12 to 18 knots.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the

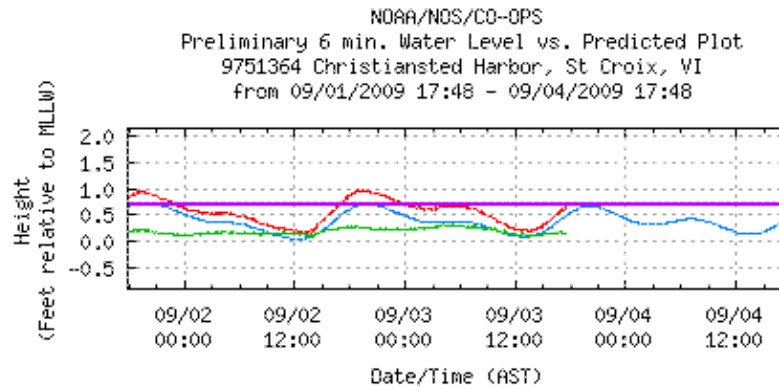
Storm QuickLook Homepage.

Analyst: KG

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Christiansted Harbor, St Croix - Water Level](#), [Christiansted Harbor, St Croix - Barometric](#), [Lameshur Bay, St. John - Water Level](#), [Lameshur Bay, St. John - Barometric](#), [Lime Tree Bay - Water Level](#), [Lime Tree Bay - Winds](#), [Lime Tree Bay - Barometric](#), [Lime Tree Bay - Air/Water Temp](#), [Charlotte Amalie - Water Level](#), [Charlotte Amalie - Barometric](#), [Charlotte Amalie - Air/Water Temp](#), [Culebra - Water Level](#), [Culebra - Winds](#), [Culebra - Barometric](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Esperanza, Vieques Island - Air/Water Temp](#), [San Juan - Water Level](#), [San Juan - Winds](#), [San Juan - Barometric](#), [San Juan - Air/Water Temp](#).

Christiansted Harbor, St Croix, VI - [Return to List](#)

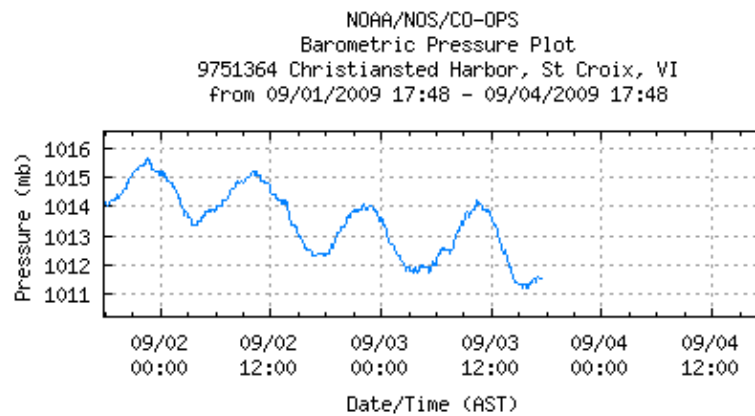


Last Observed Sample: 09/03/2009 17:30 (AST)

Relative to **MLLW**: **Observed: 0.64 ft. Predicted: 0.49 ft. Residual: 0.15 ft.**

Historical Maximum Water Level: 10/13/2006, 0.73 ft. above **MHHW**

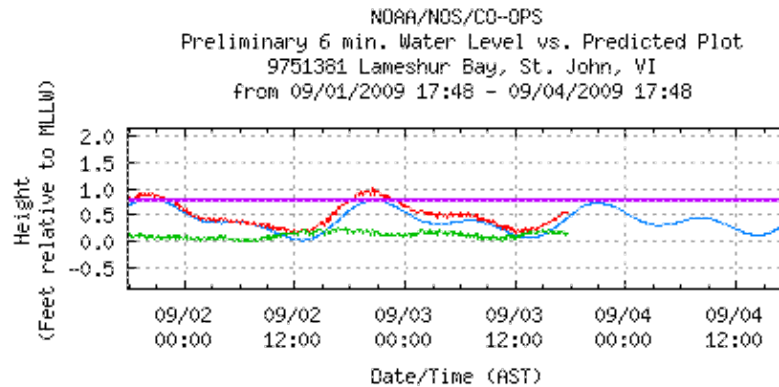
Christiansted Harbor, St Croix, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 17:30 (AST)

Barometric Pressure: 1011.5 mb

Lameshur Bay, St. John, VI - [Return to List](#)

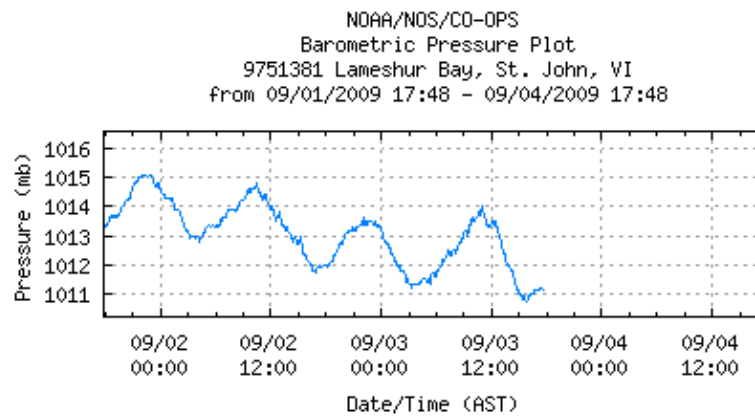


Last Observed Sample: 09/03/2009 17:36 (AST)

Relative to **MLLW**: **Observed: 0.56 ft. Predicted: 0.43 ft. Residual: 0.13 ft.**

Historical Maximum Water Level: 11/06/2006, 0.83 ft. above **MHHW**

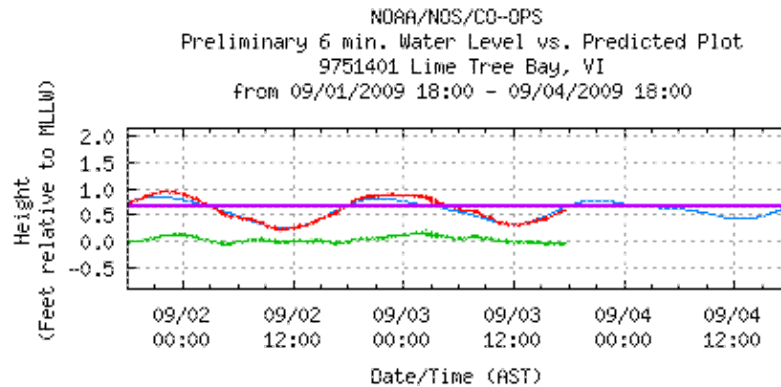
Lameshur Bay, St. John, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 17:36 (AST)

Barometric Pressure: 1011.1 mb

Lime Tree Bay, VI - [Return to List](#)

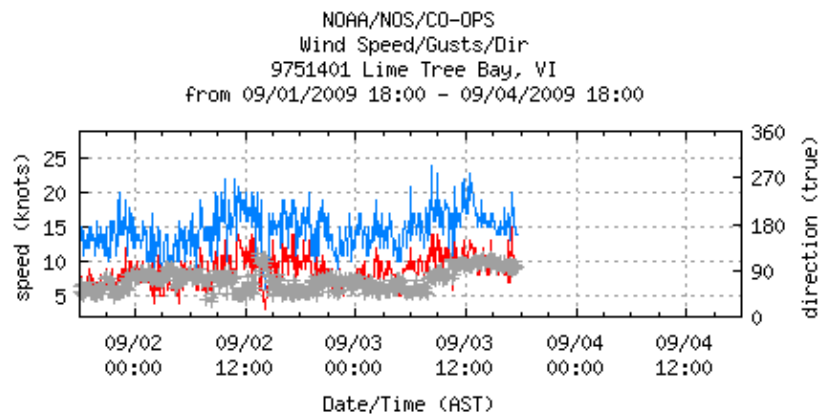


Last Observed Sample: 09/03/2009 17:36 (AST)

Relative to **MLLW**: **Observed: 0.60 ft. Predicted: 0.65 ft. Residual: -0.05 ft.**

Historical Maximum Water Level: 11/17/1999, 1.88 ft. above **MHHW**

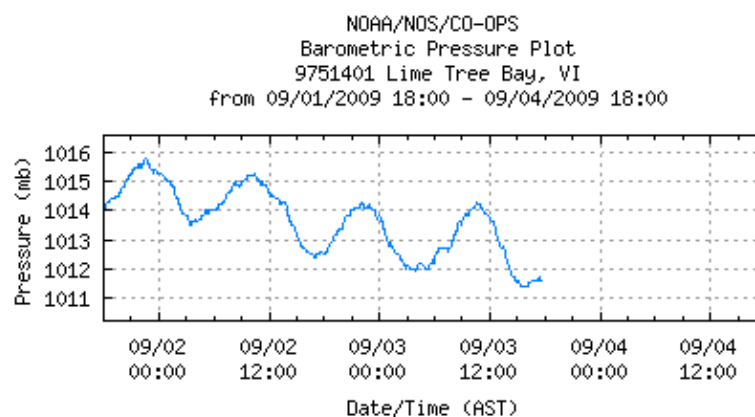
Lime Tree Bay, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 17:36 (AST)

Wind Speed: 9 knots Gusts: 14 knots Direction: 096° T

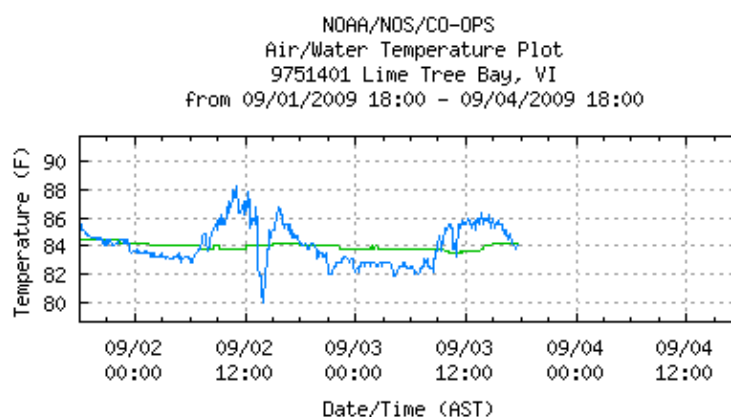
Lime Tree Bay, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 17:36 (AST)

Barometric Pressure: 1011.6 mb

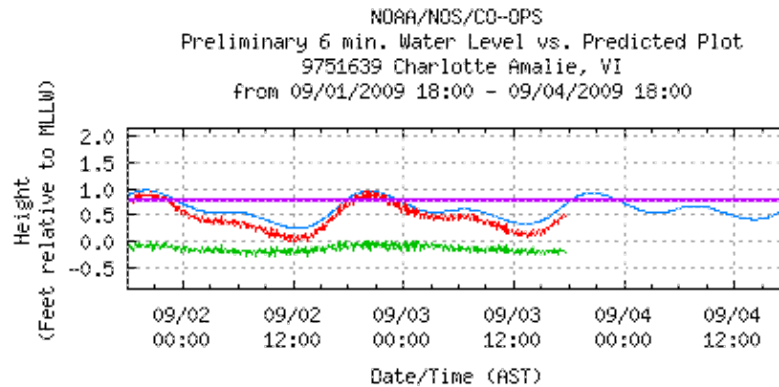
Lime Tree Bay, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 17:36 (AST)

Water Temperature: 84.2° F Air Temperature: 84.0° F

Charlotte Amalie, VI - [Return to List](#)

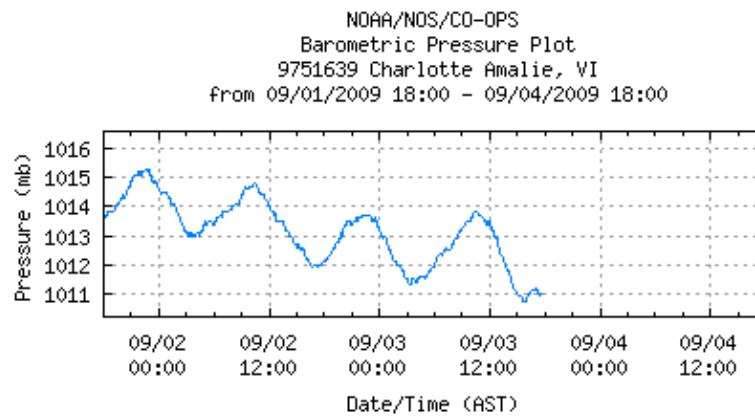


Last Observed Sample: 09/03/2009 17:36 (AST)

Relative to **MLLW**: **Observed: 0.49 ft. Predicted: 0.70 ft. Residual: -0.21 ft.**

Historical Maximum Water Level: 09/16/1995, 2.93 ft. above **MHHW**

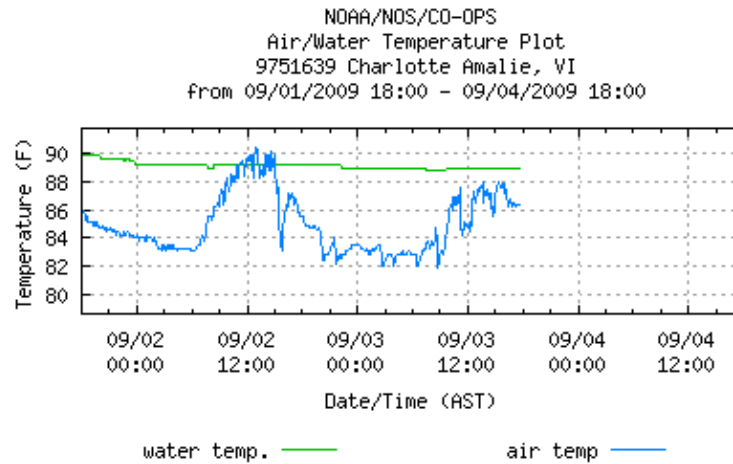
Charlotte Amalie, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 17:36 (AST)

Barometric Pressure: 1011.0 mb

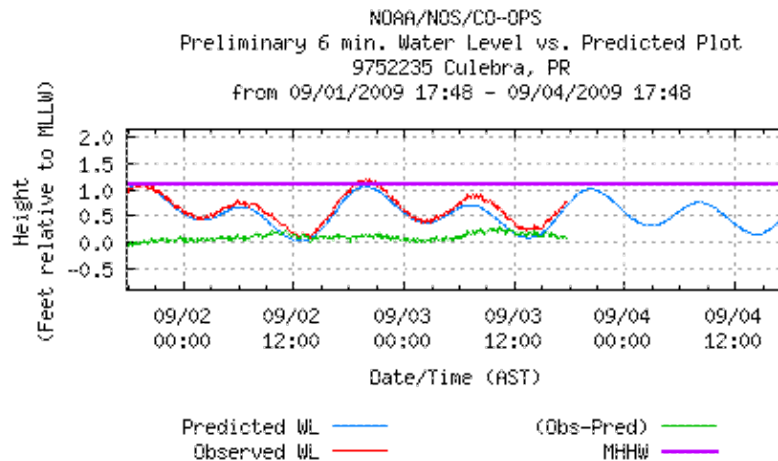
Charlotte Amalie, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 17:36 (AST)

Water Temperature: 88.9° F Air Temperature: 86.4° F

Culebra, PR - [Return to List](#)

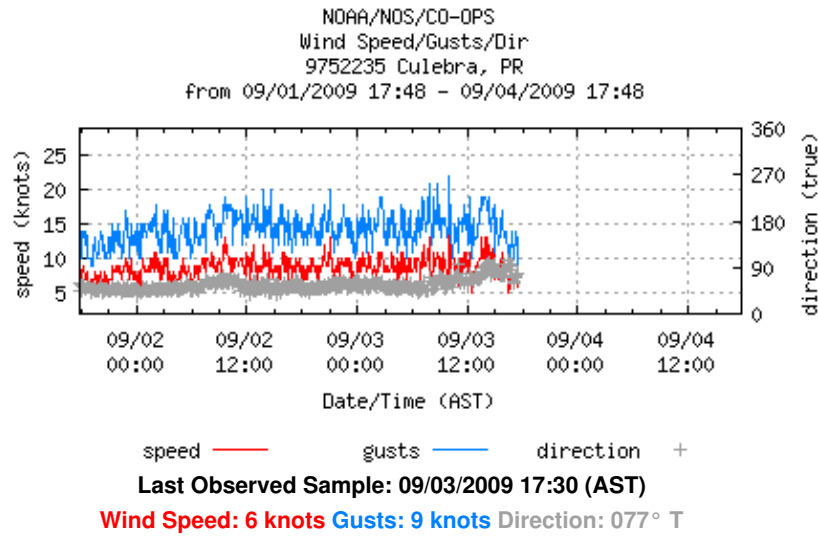


Last Observed Sample: 09/03/2009 17:36 (AST)

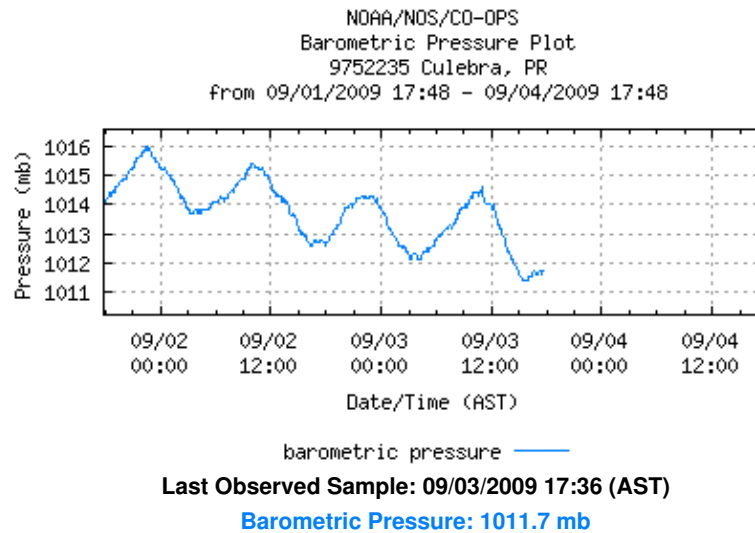
Relative to **MLLW**: Observed: 0.76 ft. Predicted: 0.68 ft. Residual: 0.08 ft.

Historical Maximum Water Level: 11/06/2006, 0.86 ft. above **MHHW**

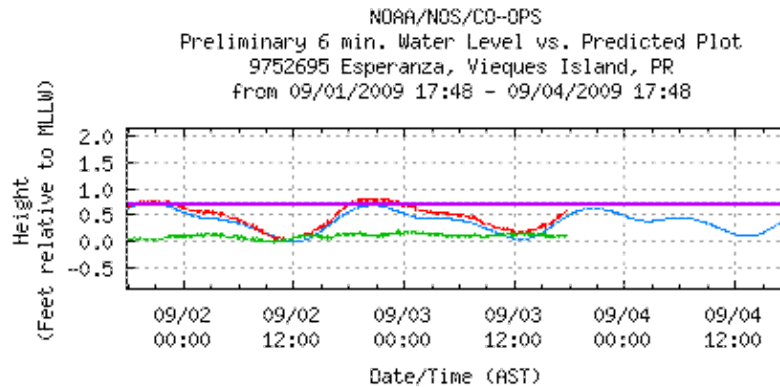
Culebra, PR - [Return to List](#)



Culebra, PR - [Return to List](#)



Esperanza, Vieques Island, PR - [Return to List](#)

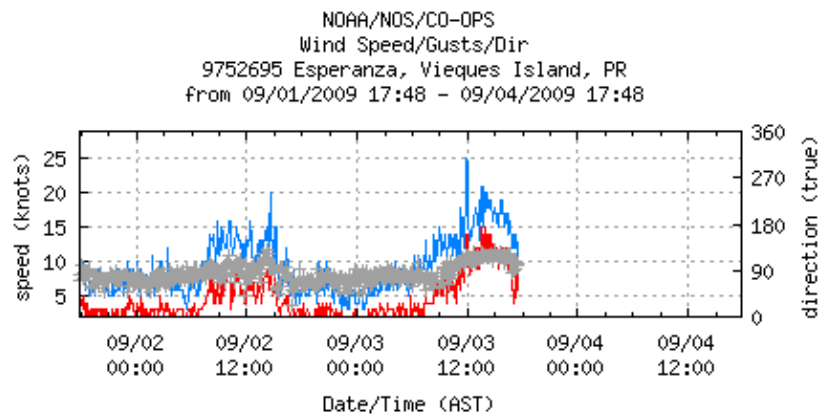


Last Observed Sample: 09/03/2009 17:36 (AST)

Relative to **MLLW**: **Observed: 0.58 ft.** **Predicted: 0.46 ft.** **Residual: 0.12 ft.**

Historical Maximum Water Level: 10/13/2006, 0.83 ft. above **MHHW**

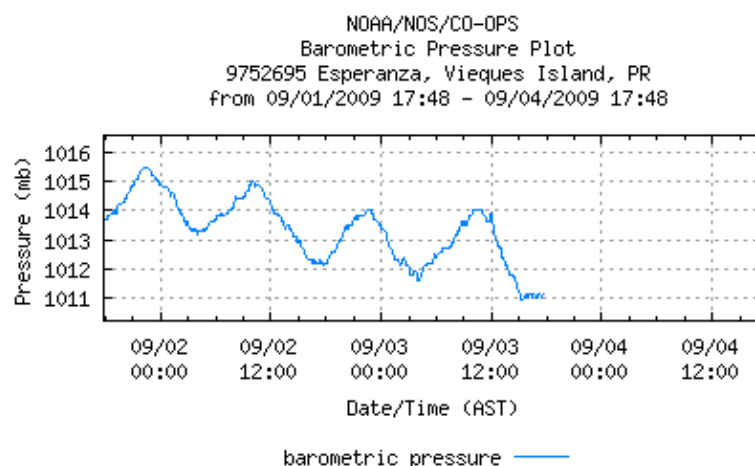
Esperanza, Vieques Island, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 17:30 (AST)

Wind Speed: 6 knots **Gusts: 11 knots** **Direction: 103° T**

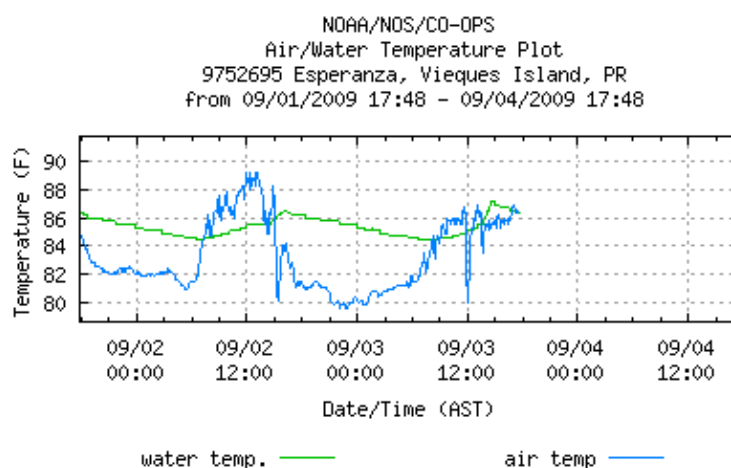
Esperanza, Vieques Island, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 17:36 (AST)

Barometric Pressure: 1011.1 mb

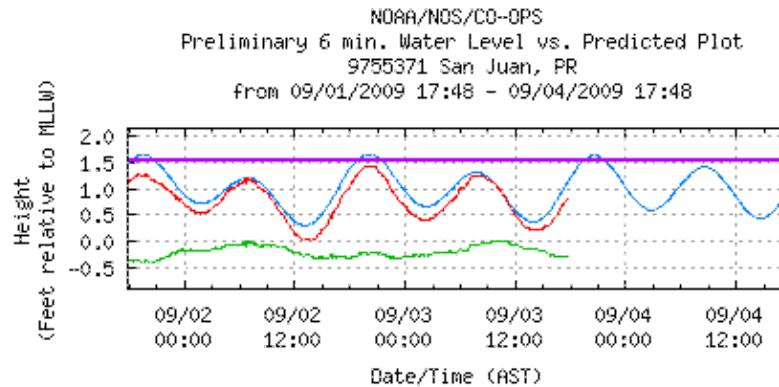
Esperanza, Vieques Island, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 17:30 (AST)

Water Temperature: 86.4° F Air Temperature: 86.5° F

San Juan, PR - [Return to List](#)

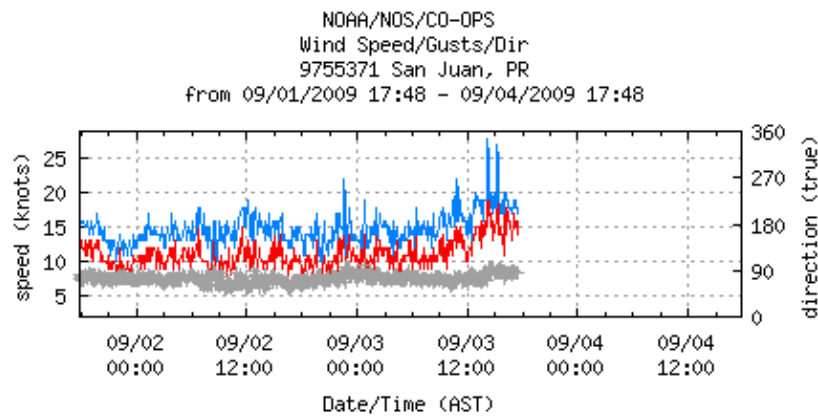


Last Observed Sample: 09/03/2009 17:36 (AST)

Relative to **MLLW**: **Observed: 0.81 ft. Predicted: 1.11 ft. Residual: -0.30 ft.**

Historical Maximum Water Level: 09/21/1998, 1.21 ft. above **MHHW**

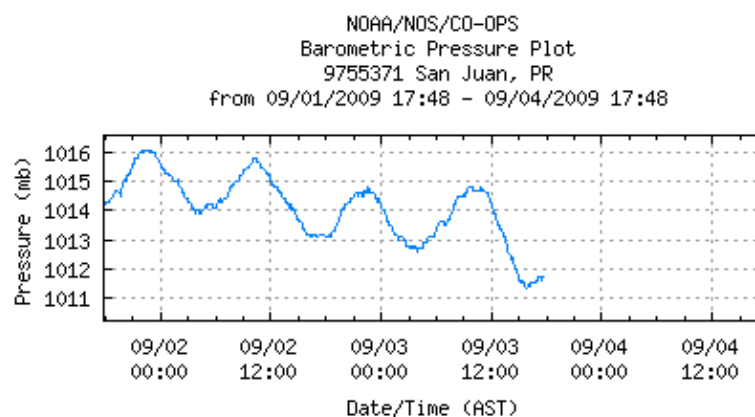
San Juan, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 17:30 (AST)

Wind Speed: 14 knots Gusts: 17 knots Direction: 086° T

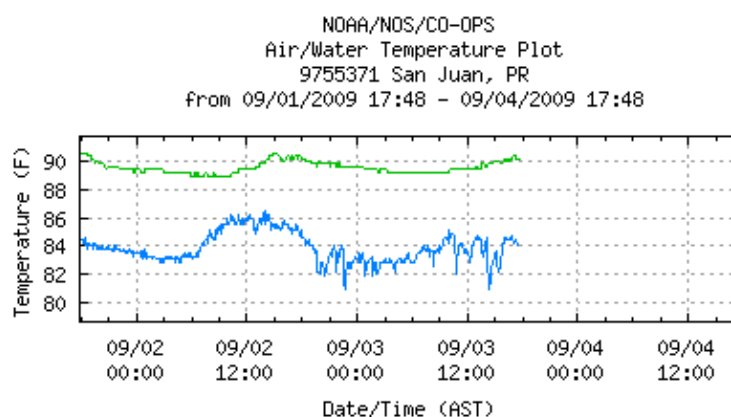
San Juan, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 17:36 (AST)

Barometric Pressure: 1011.7 mb

San Juan, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 17:30 (AST)

Water Temperature: 90.1° F Air Temperature: 84.2° F

Tropical Depression ERIKA QuickLook, POSTED 17:30 AST 09/03/2009

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce